



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Application Transmittal



Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith for filing is the Patent Application of:

Inventor: Aaron C. Sawdey

For: **MULTI-LEVEL CACHE HAVING OVERLAPPING CONGRUENCE GROUPS
OF ASSOCIATIVITY SETS IN DIFFERENT CACHE LEVELS****ASSIGNEE NAME: International Business Machines Corporation****ASSIGNEE RESIDENCE: Armonk, New York**

Enclosed are:

- ☒ 31 Pages of Specification and 1 Abstract
☒ 6 Sheets of Drawings
☒ A Declaration and Power of Attorney
☐ An Information Disclosure Statement and form PTO/SB/08A
☐ A certified copy of
☒ An Assignment of the invention to International Business Machines Corporation, Armonk, New York 10504 and Recordation form PTO-1595

The filing fee has been calculated as follows:

For:	No. Filed	No. Extra
Basic Fee		
Total Claims	36 -20 =	16
Indep. Claims	4 -3 =	1
<input type="checkbox"/> Multiple Dependent Claim Presented		

Other Than Small Entity

Rate	Fee
	\$ 770.00
x \$18.00=	288.00
x \$86.00=	86.00
\$290.00	\$ 0.00
TOTAL	\$ 1144.00

EXPRESS MAIL CERTIFICATE

Express Mail Label No.: EU163621366US

Date: December 09, 2003

I hereby certify that I am depositing the enclosed or attached paper with the U.S. Postal Service "Express Mail Post Office to Addressee" service on the above date, addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Lisa M. Plank

Patent Application Transmittal
Attorney Docket No.: ROC920030094US1

Deposit Account Authorization:

☒ Please charge Deposit Account No. 09-0465 in the amount of \$1144.00. A duplicate copy of this sheet is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 09-0465. A duplicate copy of this sheet is enclosed.

☒ Any additional filing fees required under 37 C.F.R. §1.16.

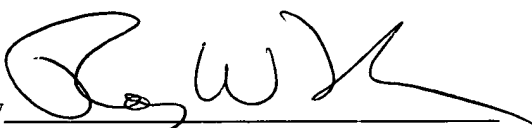
☒ Any patent application processing fees under 37 C.F.R. §1.17.

Respectfully submitted,

AARON C. SAWDEY

Date: December 09 , 2003

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